

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs                                      | Default Operator | Plurals | Time Stamp          |
|-------|------|--|--|------------------|---------|---------------------|
| L2    | 41   | cigarette\$1 and coal\$1<br>near10 tobacco near10<br>rod           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ              | ON      | 2010/02/12<br>17:41 |
| S1    | 1    | "10581774"   | US-PGPUB;<br>USPAT                       | ADJ              | OFF     | 2009/07/08<br>11:54 |
| S2    | 0    | ("2008/0163879").URPN.   | USPAT                                    | ADJ              | OFF     | 2009/07/08<br>11:56 |
| S3    | 1    | "20010028368"  | DERWENT                                  | ADJ              | OFF     | 2009/07/08<br>13:22 |
| S4    | 0    | "20010028368"  | EPO                                      | ADJ              | OFF     | 2009/07/08<br>13:22 |
| S5    | 0    | "WO010028368"  | EPO                                      | ADJ              | OFF     | 2009/07/08<br>13:22 |
| S6    | 0    | "WO0128368"  | EPO                                      | ADJ              | OFF     | 2009/07/08<br>13:22 |
| S7    | 0    | "1139801"  | EPO                                      | ADJ              | OFF     | 2009/07/08<br>13:23 |
| S8    | 0    | "EP1139801"  | EPO                                      | ADJ              | OFF     | 2009/07/08<br>13:23 |
| S9    | 0    | "EP1139801"  | DERWENT                                  | ADJ              | OFF     | 2009/07/08<br>13:23 |
| S10   | 7    | "1139801"  | DERWENT                                  | ADJ              | OFF     | 2009/07/08<br>13:23 |
| S11   | 1    | "6475288".pn.  | US-PGPUB;<br>USPAT                       | ADJ              | OFF     | 2009/07/08<br>13:36 |
| S12   | 1    | ("5144966").PN. OR<br>("6475288").URPN.                            | US-PGPUB;<br>USPAT; USOCR                | ADJ              | OFF     | 2009/07/08<br>13:36 |
| S13   | 10   | ("3922360"   "3943220"  <br>"5070891").PN. OR<br>("5144966").URPN. | US-PGPUB;<br>USPAT; USOCR                | ADJ              | OFF     | 2009/07/08<br>13:51 |
| S14   | 240  | 131/275.ccls.  | US-PGPUB;<br>USPAT; USOCR                | ADJ              | OFF     | 2009/07/08<br>14:55 |
| S15   | 5    | 131/275.ccls.  | EPO                                      | ADJ              | OFF     | 2009/07/08<br>14:55 |
| S16   | 19   | 131/275.ccls.  | JPO                                      | ADJ              | OFF     | 2009/07/08<br>14:55 |
| S17   | 0    | 131/275.ccls.  | DERWENT                                  | ADJ              | OFF     | 2009/07/08<br>14:55 |

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| S18 | 95  | 131/275.ccls. and (flavor \$4)  | US-PGPUB; USPAT        | ADJ | OFF | 2009/07/08 14:55 |
| S19 | 2   | "2078487"   | EPO                    | ADJ | OFF | 2009/07/08 15:02 |
| S20 | 0   | "10493030"  | EPO                    | ADJ | OFF | 2009/07/08 15:17 |
| S21 | 1   | "10493030"  | US-PGPUB; USPAT        | ADJ | OFF | 2009/07/08 15:17 |
| S22 | 0   | "0128368"   | EPO                    | ADJ | OFF | 2009/07/08 15:25 |
| S23 | 1   | "1284151"   | EPO                    | ADJ | OFF | 2009/07/08 15:25 |
| S24 | 8   | "1284151"   | DERWENT                | ADJ | OFF | 2009/07/08 15:25 |
| S25 | 2   | "4435110"   | DERWENT                | ADJ | OFF | 2009/07/08 15:32 |
| S26 | 5   | "2338831"   | DERWENT                | ADJ | OFF | 2009/07/08 15:33 |
| S27 | 73  | "131".clas. and flavourant  | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/07/08 15:48 |
| S28 | 48  | "131".clas. and flavourant \$1 and particulate  | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/07/08 15:48 |
| S29 | 23  | "131".clas. and flavourant \$1 and particulate and reconstitute\$1                      | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/07/08 15:48 |
| S30 | 4   | "131".clas. and encapsulate\$1 near10 flavourant\$1 and particulate and reconstitute\$1 | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/07/08 15:49 |
| S31 | 5   | "131".clas. and encapsulate\$1 near10 flavourant\$1 and extrusion                       | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/07/08 15:50 |
| S32 | 0   | ("2003/0029466").URPN.  | USPAT                  | ADJ | OFF | 2009/07/08 15:55 |
| S33 | 169 | 131/275.ccls.   | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 12:35 |
| S34 | 2   | 131/275.ccls. and tobacco rod near10 two  | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 12:43 |
| S35 | 213 | 131/364.ccls.   | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 14:09 |
| S36 | 0   | 131/364.ccls. and encapsulat\$4 near10 flavor \$4 and carbonate                         | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 14:09 |
| S37 | 49  | 131/364.ccls. and carbonate   | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 14:09 |

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| S38 | 34  | 131/364.ccls. and carbonate and flavor\$4   | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 14:10 |
| S39 | 2   | 131/364.ccls. and carbonate near10 particulate\$1   | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 14:10 |
| S40 | 5   | 131/360.ccls. and carbonate near10 particulate\$1   | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 14:11 |
| S41 | 33  | 131/365.ccls. and carbonate near10 particulate\$1   | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 14:52 |
| S42 | 0   | 131/365.ccls. and carbonate near10 particulate\$1 near10 flavor\$4  | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 14:52 |
| S43 | 2   | "131".clas. and carbonate near10 particulate\$1 near10 flavor\$4  | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 14:52 |
| S44 | 3   | "131".clas. and carbonate near10 (reduc\$4 or decreas\$4) near10 particulate\$1                               | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 14:53 |
| S45 | 100 | "131".clas. and carbonate near10 (flavour\$4 or flavor\$4)  | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 14:53 |
| S46 | 1   | "131".clas. and carbonate near10 (flavour\$4 or flavor\$4) near10 inert                                       | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 14:53 |
| S47 | 1   | "131".clas. and carbonate near10 (flavour\$4 or flavor\$4) near10 (reduc\$4 or decreas\$4)                    | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 14:54 |
| S48 | 3   | "131".clas. and carbonate near10 (flavour\$4 or flavor\$4) and (reduc\$4 or decreas\$4) near10 particulate\$1 | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 14:54 |
| S49 | 1   | "131".clas. and carbonate near10 (flavour\$4 or flavor\$4) and (inert) near10 particulate\$1                  | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 14:55 |
| S50 | 22  | "131".clas. and carbonate near10 (flavour\$4 or flavor\$4) and (inert) and particulate\$1                     | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 14:55 |
| S51 | 1   | ("5144966").PN. OR ("6475288").URPN.  | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/08/06 15:03 |

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| S52 | 1   | "131".clas. and inert near10 (flavor\$4 or flavour\$4) near10 reduc\$4   | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/08/06 15:12 |
| S53 | 57  | "131".clas. and inert near10 (flavor\$4 or flavour\$4)   | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/08/06 15:12 |
| S54 | 22  | "131".clas. and inert near10 (flavor\$4 or flavour\$4) and particulate\$1  | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/08/06 15:12 |
| S55 | 28  | "131".clas. and inert near10 (flavor\$4 or flavour\$4) and carbonate   | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/08/06 15:13 |
| S56 | 1   | "131".clas. and inert near10 (flavor\$4 or flavour\$4) near10 carbonate  | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/08/06 15:13 |
| S57 | 1   | "131".clas. and inert near10 (flavor\$4 or flavour\$4) near100 carbonate   | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/08/06 15:14 |
| S58 | 39  | "131".clas. and inert near10 carbonate   | US-PGPUB; USPAT; USOCR | ADJ | OFF | 2009/08/06 15:14 |
| S59 | 34  | "131".clas. and inert near10 carbonate   | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 15:14 |
| S60 | 262 | "131".clas. and (parts per million or ppm) near10 (flavor\$4 or flavourant\$1)   | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 15:55 |
| S61 | 29  | "131".clas. and (parts per million or ppm) near10 (flavor\$4 or flavourant\$1) near10 "500"  | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 15:56 |
| S62 | 1   | "131".clas. and (parts per million or ppm) near10 (flavor\$4 or flavourant\$1) near10 menthol  | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 15:56 |
| S63 | 3   | "131".clas. and (parts per million or ppm) near10 (flavor\$4 or flavourant\$1) near10 (menthol or vanillin or cocoa or Mentha arvensis or ethylvanillin)   | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 15:57 |
| S64 | 6   | "131".clas. and (parts per million or ppm) near10 (flavor\$4 or flavourant\$1) near10 (menthol or vanillin or cocoa or Mentha arvensis or ethylvanillin or ethyl vanillin glycoside or ionone or damascenon or lactone\$1) | US-PGPUB; USPAT        | ADJ | OFF | 2009/08/06 15:58 |

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| S65 | 245 | "131".clas. and (parts per million or ppm) near10 (flavor\$4 or flavourant\$1) and (menthol or vanillin or cocoa or Mentha arvensis or ethylvanillin or ethyl vanillin glycoside or ionone or damascenon or lactone\$1)                           | US-PGPUB;<br>USPAT | ADJ | OFF | 2009/08/06<br>15:59 |
| S66 | 12  | "131".clas. and (parts per million or ppm) near10 (flavor\$4 or flavourant\$1) near1000 (menthol or vanillin or cocoa or Mentha arvensis or ethylvanillin or ethyl vanillin glycoside or ionone or damascenon or lactone\$1)                      | US-PGPUB;<br>USPAT | ADJ | OFF | 2009/08/06<br>16:00 |
| S67 | 0   | "131".clas. and (parts per million or ppm) near10 (flavor\$4 or flavourant\$1) and (menthol or vanillin or cocoa or Mentha arvensis or ethylvanillin or ethyl vanillin glycoside or ionone or damascenon or lactone\$1) and colored wrapper\$1    | US-PGPUB;<br>USPAT | ADJ | OFF | 2009/08/06<br>16:01 |
| S68 | 0   | "131".clas. and (parts per million or ppm) near10 (flavor\$4 or flavourant\$1) and (menthol or vanillin or cocoa or Mentha arvensis or ethylvanillin or ethyl vanillin glycoside or ionone or damascenon or lactone\$1) and reconstituted tobacco | US-PGPUB;<br>USPAT | ADJ | OFF | 2009/08/06<br>16:01 |
| S69 | 157 | "131".clas. and (parts per million or ppm) near10 (flavor\$4 or flavourant\$1) and (menthol or vanillin or cocoa or Mentha arvensis or ethylvanillin or ethyl vanillin glycoside or ionone or damascenon or lactone\$1) and reconstituted tobacco | US-PGPUB;<br>USPAT | ADJ | OFF | 2009/08/06<br>16:01 |

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| S70 | 0  | "131".clas. and (parts per million or ppm) near10 (flavor\$4 or flavourant\$1) and (menthol or vanillin or cocoa or Mentha arvensis or ethylvanillin or ethyl vanillin glycoside or ionone or damascenon or lactone\$1) and reconstituted tobacco and color\$2 near10 wrapper\$1  | US-PGPUB;<br>USPAT | ADJ | OFF | 2009/08/06<br>16:02 |
| S71 | 7  | "131".clas. and (parts per million or ppm) near10 (flavor\$4 or flavourant\$1) and (menthol or vanillin or cocoa or Mentha arvensis or ethylvanillin or ethyl vanillin glycoside or ionone or damascenon or lactone\$1) and reconstituted tobacco and encapsulat\$4 near10 (flavourant\$1 or flavor\$4)                         | US-PGPUB;<br>USPAT | ADJ | OFF | 2009/08/06<br>16:02 |
| S72 | 2  | "131".clas. and (parts per million or ppm) near10 (flavor\$4 or flavourant\$1) near10 ("200" or "500") and (menthol or vanillin or cocoa or Mentha arvensis or ethylvanillin or ethyl vanillin glycoside or ionone or damascenon or lactone\$1) and reconstituted tobacco and encapsulat\$4 near10 (flavourant\$1 or flavor\$4) | US-PGPUB;<br>USPAT | ADJ | OFF | 2009/08/06<br>16:05 |
| S73 | 37 | "131".clas. and (parts per million or ppm) near10 (flavor\$4 or flavourant\$1) near10 ("200" or "500") and (menthol or vanillin or cocoa or Mentha arvensis or ethylvanillin or ethyl vanillin glycoside or ionone or damascenon or lactone\$1) and reconstituted tobacco   | US-PGPUB;<br>USPAT | ADJ | OFF | 2009/08/06<br>16:05 |
| S74 | 30 | "131".clas. and 50% near10 rod  | US-PGPUB;<br>USPAT | ADJ | OFF | 2009/08/06<br>16:25 |
| S75 | 2  | "131".clas. and wrapper\$1 near10 colored near10 print\$2   | US-PGPUB;<br>USPAT | ADJ | OFF | 2009/08/06<br>16:50 |

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| S76 | 281 | "131".clas. and wrapper\$1<br>near10 (conventional<br>cigarette wrapper or<br>plugwrap or tipping or<br>pretipping)   | US-PGPUB;<br>USPAT                       | ADJ | OFF | 2009/08/06<br>17:40 |
| S77 | 4   | "131".clas. and wrapper\$1<br>near10 (conventional<br>cigarette wrapper or<br>plugwrap or tipping or<br>pretipping) and encapsulat<br>\$4 near10 flavourant\$1                      | US-PGPUB;<br>USPAT                       | ADJ | OFF | 2009/08/06<br>17:40 |
| S78 | 8   | "131".clas. and wrapper\$1<br>near10 (conventional<br>cigarette wrapper or<br>plugwrap or tipping or<br>pretipping) and encapsulat<br>\$4 near10 (flavourant\$1<br>or flavorant\$1) | US-PGPUB;<br>USPAT                       | ADJ | OFF | 2009/08/06<br>17:41 |
| S79 | 154 | "131".clas. and wrapper\$1<br>near10 (conventional<br>cigarette wrapper or<br>plugwrap or tipping or<br>pretipping) near10 filter\$1  | US-PGPUB;<br>USPAT                       | ADJ | OFF | 2009/08/06<br>17:42 |
| S80 | 0   | "131".clas. and wrapper\$1<br>near10 (conventional<br>cigarette wrapper or<br>plugwrap or tipping or<br>pretipping) near10 filter\$1<br>near10 mout end                             | US-PGPUB;<br>USPAT                       | ADJ | OFF | 2009/08/06<br>17:42 |
| S81 | 1   | "131".clas. and wrapper\$1<br>near10 (conventional<br>cigarette wrapper or<br>plugwrap or tipping or<br>pretipping) near10 filter\$1<br>near10 mouth end                            | US-PGPUB;<br>USPAT                       | ADJ | OFF | 2009/08/06<br>17:42 |
| S82 | 1   | "131".clas. and adhesive<br>near10 flavourant\$1<br>near10 wrapper\$1   | US-PGPUB;<br>USPAT                       | ADJ | OFF | 2009/08/06<br>17:54 |
| S83 | 4   | "131".clas. and adhesive<br>near10 (flavourant\$1 or<br>flavorant\$1) near10<br>wrapper\$1  | US-PGPUB;<br>USPAT                       | ADJ | OFF | 2009/08/06<br>17:54 |
| S84 | 138 | 131/275   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON  | 2010/02/05<br>12:16 |
| S85 | 3   | 131/275 and<br>@pd> "20090708"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | ADJ | ON  | 2010/02/05<br>12:16 |

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| S86 | 53  | "131".clas. and flavourant\$1 and particulate\$1                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2010/02/05<br>12:17 |
| S87 | 2   | "131".clas. and flavourant\$1 and particulate\$1 and @pd> "20090708" | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | ADJ | ON | 2010/02/05<br>12:17 |
| S88 | 106 | 131/364 and carbonate\$1   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | ADJ | ON | 2010/02/05<br>12:17 |
| S89 | 4   | 131/364 and carbonate\$1 and @pd> "20090708"                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | ADJ | ON | 2010/02/05<br>12:18 |
| S90 | 35  | 131/365 and carbonate\$1 near10 particulate\$1                       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | ADJ | ON | 2010/02/05<br>12:18 |
| S91 | 0   | 131/365 and carbonate\$1 near10 particulate\$1 and @pd> "20090708"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | ADJ | ON | 2010/02/05<br>12:18 |
| S92 | 1   | 131/275 and abutment\$1  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | ADJ | ON | 2010/02/05<br>12:19 |
| S93 | 1   | 131/275 and carbonate\$1 near10 particulate\$1 and @pd> "20090708"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | ADJ | ON | 2010/02/05<br>12:19 |
| S94 | 2   | tobacco and wrapper\$1 near10 colored near10 print\$2                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | ADJ | ON | 2010/02/05<br>12:20 |
| S95 | 3   | tobacco and wrapper\$1 near10 color\$4 near10 print\$2               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | ADJ | ON | 2010/02/05<br>12:20 |
| S96 | 517 | tobacco and wrapper\$1 near10 flavor\$5                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | ADJ | ON | 2010/02/05<br>12:21 |
| S97 | 9   | tobacco and wrapper\$1 near10 flavor\$5 and @pd> "20090708"          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | ADJ | ON | 2010/02/05<br>12:21 |

**EAST Search History (Interference)**

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**2/ 12/ 2010 6:09:23 PM****C:\ Documents and Settings\ vwu\ My Documents\ EAST\ Workspaces\ 07-08 search for 10581774.wsp**